

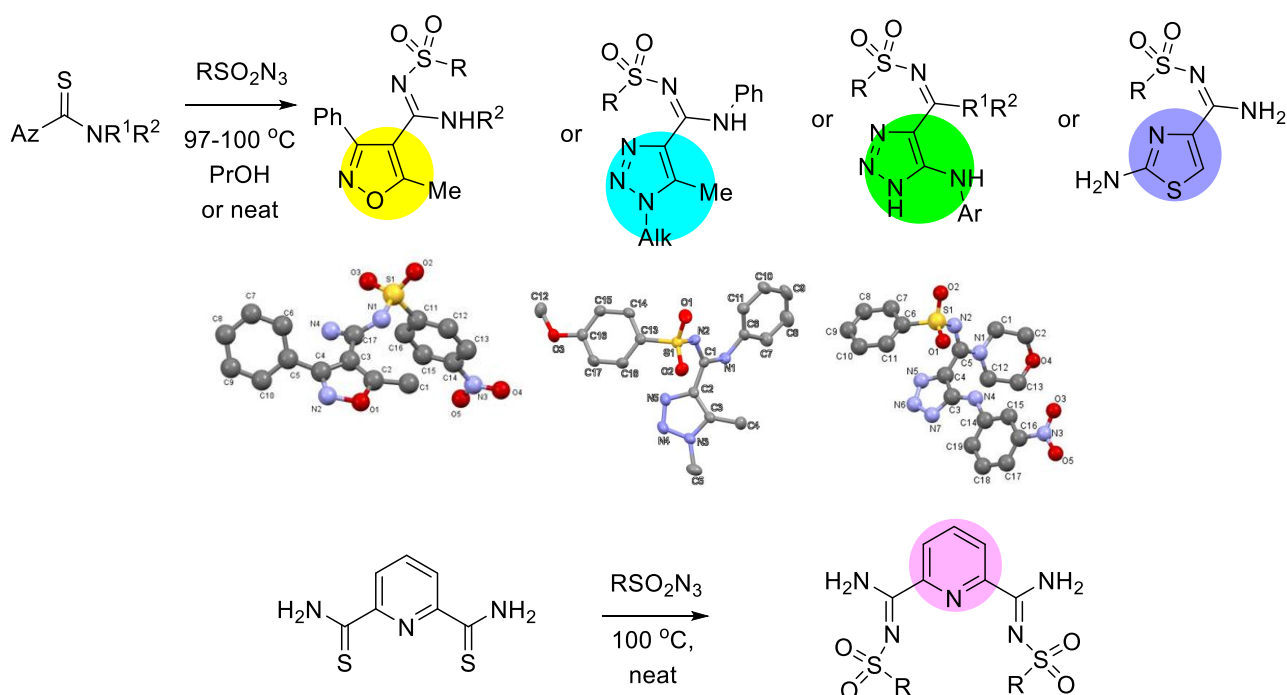
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SYNTHESIS OF HETEROCYCLIC N-SULFONYLAMIDINES FROM HETEROAROMATIC THIOAMIDES AND SULFONYL AZIDES*

Keywords: thioamides, *N*-sulfonyl amidines.

N-Sulfonyl amidines bearing 1,2,3-triazole, isoxazole, thiazole and pyridine substituents were successfully prepared for the first time by reactions of primary, secondary and tertiary heterocyclic thioamides with alkyl- and arylsulfonyl azides. For each type of thioamides was found a reliable procedure to prepare *N*-sulfonyl amidines in good yields.



Reactions of 1-aryl-1,2,3-triazole-4-carbothioamides with azides were shown to be accompanied with a Dimroth rearrangement to form 1-unsubstituted 5-aryl-amino-1,2,3-triazole-4-*N*-sulfonylcarbimidamides.

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